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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/619,055
Filing Date	July 14, 2003
First Named Inventor	Yann Echelard
Art Unit	1632
Examiner Name	Marcia Noble
Attorney Docket Number	GTC-208

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Marcia S. Noll

Date
Considered

1-11-06

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known	
		Application Number	10/619,055
		Filing Date	July 14, 20003
		First Named Inventor	Yann Echelard
		Art Unit	1632
		Examiner Name	Marcia Noble
Sheet 2	of 2	Attorney Docket Number GTC-208	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MSN		Keefer, CL. et al., Production of Goats After Nuclear Transfer Using Adult Somatic Cells, Vol. 66, no. 1, pgs. 199-203 (2002).	
MSN		Melican, David et al., Effect of Serum Concentration, Method of Trypsinization and Fusion/Activation Utilizing..., vol. 63, no. 6, pgs. 1549-1563 (2005).	
MSN		Behboodi, Esmail, et al., Viable Transgenic Goats Derived From Skin Cells, Vol. 13, No. 3, pgs. 215-224 (2004).	

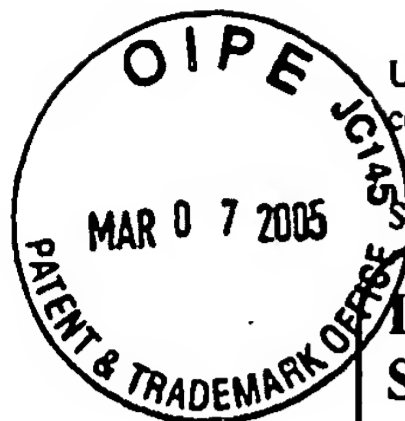
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6	Application Number	10/619,055
	Filing Date	July 14, 2003
	First Named Inventor	Yann Echelard
	Art Unit	1632
	Examiner Name	Marcia Noble
Attorney Docket Number		GTC-208

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
		US-				
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		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)						

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				First Named Inventor	Yann Echelard
				Group Art Unit	1632
				Examiner Name	Marcia Noble
Sheet	2	of	6	Attorney Docket Number	GTC-208

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹⁾	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MSN		Alberio R, <i>et al.</i> , <i>Mammalian Oocyte Activation: Lessons from the Sperm and Implications for Nuclear Transfer</i> , INT J DEV BIOL 2001; 45: 797-809.	
MSN		Arroyo, A. <i>et al.</i> , <i>In Vivo Roles Of Integrins During Leukocyte Development And Traffic: Insights From The Analysis Of Mice Chimeric For α_5, α_v, and α_4 Integrins</i> . THE JI 2000;165: 4667-4675.	
MSN		Baguisi A, <i>et al.</i> , <i>Production of Goats by Somatic Cell Nuclear Transfer</i> , NAT BIOTECH 1999; 17: 4 56-461.	
MSN		Bondioli K, <i>et al.</i> , <i>Production of Identical Bovine Offspring by Nuclear Transfer</i> , THERIOGENOLOGY 1990; 33: 165-174.	
MSN		Byrd, N, <i>et al.</i> , <i>Hedgehog Is Required For Murine Yolk Sac Angiogenesis</i> . DEVELOPMENT 2002; 129: 361-372.	
MSN		Cibelli JB, <i>et al.</i> , <i>Cloned Transgenic Calves Produced From Nonquiescent Fetal Fibroblasts</i> . SCIENCE 1998; 280: 1256-1258.	
MSN		Gavin, W.G., <i>Gene Transfer Into Goat Embryos</i> , TRANSGENIC ANIMALS – GENERATION AND USE, L. M. Houdebine ed., (Harwood Academic Publishers GmbH., 1996).	
MSN		Helgason, C <i>et al.</i> , <i>Targeted Disruption Of SHIP Leads To Hemopoietic Perturbations, Lung Pathology, And A Shortened Life Span</i> . GENES & DEV. 1998; 12: 1610-1620.	

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				Filing Date	July 14, 2003
				First Named Inventor	Yann Echelard
				Art Unit	1632
				Examiner Name	Marcia Noble
Sheet	3	of	6	Attorney Docket Number	GTC-208

MSN		Hu, J.-F, et al., <i>Genomic Deletion Of An Imprint Maintenance Element Abolishes Imprinting Of Both Insulin-Like Growth Factor II And H19</i> . J. BIOL. CHEM. 1997; 272: 20715-20720.	
MSN		Hwang, H.-Y, et al., <i>Creation Of Homozygous Mutants Of Leishmania Donovanii With Single Targeting Constructs</i> . J. BIOL. CHEM. 1996; 271: 30840-30846.	
MSN		Jain, M, et al., <i>Targeted Inactivation Of Gα Does Not Alter Cardiac Function Or β-Adrenergic Sensitivity</i> . AM. J. PHYSIOL. 2001; 280: 569H-575.	
MSN		Kasinathan P, et al., <i>Effect of Fibroblast Donor Cell Age and Cell Cycle on Development of Bovine Nuclear Transfer Embryos In Vitro</i> , BIOL REPROD. 2001; 64(5): 1487-1493.	
MSN		Kasinathan P, et al., <i>Production of Calves from G1 Fibroblasts</i> , NATURE BIOTECH 2001; 19: 1176-1178.	
MSN		Klug, M, et al., <i>Genetically Selected Cardiomyocytes From Differentiating Embryonic Stem Cells Form Stable Intracardiac Grafts</i> . J. CLIN. INVEST. 1996; 98: 216-224.	
MSN		Koike, H, et al., <i>Efficient Biallelic Mutagenesis With Cre/LoxP-Mediated Inter-Chromosomal Recombination</i> . EMBO REPORTS 2002; 3: 433-437.	
MSN		Kundu, R et al., <i>Targeted Inactivation Of The Coagulation Factor IX Gene Causes Hemophilia B In Mice</i> . BLOOD 1998; 92: 168-174.	
MSN		Lai, L, et al., <i>Feasibility of Producing Porcine Nuclear Transfer Embryos by Using G2/M Stage Fetal Fibroblasts as Donors</i> , BIOL REPROD 2001; 65: 1558-1564.	

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Sheet	4	of	6	Attorney Docket Number	GTC-208

MSN		Lebel, M, et al., <i>A Deletion Within The Murine Werner Syndrome Helicase Induces Sensitivity To Inhibitors Of Topoisomerase And Loss Of Cellular Proliferative Capacity</i> . PROC. NATL. ACAD. SCI. U.S.A. 1998; 95: 13097-13102.	
MSN		Lim, S, et al., <i>A Shortened Life Span Of EKLf-/- Adult Erythrocytes, Due To A Deficiency Of Beta -Globin Chains, Is Ameliorated By Human Gamma -Globin Chains</i> . BLOOD 1997; 90: 1291-1299.	
MSN		Meng L, et al., <i>Rhesus Monkeys Produced by Nuclear Transfer</i> , BIOL REPROD 1997; 57: 454-459.	
MSN		Mortensen, R, et al., <i>Production Of Homozygous Mutant ES Cells With A Single Targeting Construct</i> . MOL.CELL. BIOL. 1992; 12, 2391-2395.	
MSN		Nagy, A, et al., <i>Targeted Mutagenesis: Analysis Of Phenotype Without Germ Line Transmission</i> . J. CLIN. INVEST. 1996; 97: 1360-1365.	
MSN		Qu, C.-K, et al., <i>Biased Suppression Of Hematopoiesis And Multiple Developmental Defects In Chimeric Mice Containing Shp-2 Mutant Cells</i> . MOL. CELL. BIOL. 1998; 18: 6075-6082.	
MSN		Sakai, E, et al., <i>Recombination And Transcription Of The Endogenous Ig Heavy Chain Locus Is Effected By The Ig Heavy Chain Intronic Enhancer Core Region In The Absence Of The Matrix Attachment Regions</i> . PROC. NATL. ACAD. SCI. U. S. A. 1999; 96: 1526-1531.	
MSN		Saleque, S, et al., <i>The Zinc-Finger Proto-Oncogene Gfi-1b Is Essential For Development Of The Erythroid And Megakaryocytic Lineages</i> . GENES & DEV. 2002; 16: 301-306.	

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MSN		Soudais, C, et al., <i>Targeted Mutagenesis Of The Transcription Factor GATA-4 Gene In Mouse Embryonic Stem Cells Disrupts Visceral Endoderm Differentiation In Vitro</i> . DEVELOPMENT 1995; 121: 3877-3888.	
MSN		Sowell, M et al., <i>Targeted Inactivation Of Alpha 12 Or Alpha 13 Disrupts Activation Of The Cardiac Muscarinic K+ Channel, IK+ACh, In Intact Cells</i> , PROC. NATL. ACAD. SCI. U.S.A. 1997; 94: 7921-7926.	
MSN		Stanford, W, et al., <i>Expression Trapping: Identification Of Novel Genes Expressed In Hematopoietic And Endothelial Lineages By Gene Trapping In ES Cells</i> , BLOOD 1998; 92: 4622-4631.	
MSN		Wall RJ, et al., <i>Transgenic Dairy Cattle: Genetic Engineering on a Large Scale</i> , J DAIRY SCI. 1997; 80(9): 2213-24.	
MSN		Wilmut I, et al., <i>Viable Offspring Derived From Fetal and Adult Mammalian Cells</i> , NATURE 1997; 385: 810-813.	
MSN		Wells DN, et al., <i>Production of Cloned Calves Following Nuclear Transfer with Cultured Adult Mural Granulosa Cells</i> , BIOL REPROD 1999; 60: 996-1005.	
MSN		Wells, et al., <i>Cloning livestock: a return to embryonic stem cells. Trends in Biotechnology</i> . Vol. not known, no. not known, Month, not known, 1-4.	
MSN		Weiss, M and Orkin, S, <i>In Vitro Differentiation Of Murine Embryonic Stem Cells New Approaches To Old Problems</i> . J. CLIN. INVEST. 1996; 97: 591-595.	
MSN		Wu, Q, et al., <i>Generation And Characterization Of Mice Deficient In Hepsin, A Hepatic Transmembrane Serine Protease</i> . J. CLIN. INVEST. 1998; 101: 321-326.	

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MSN		Yang X, et al., <i>Nuclear Totipotency of Cultured Rabbit Morulae to Support Full-Term Development Following Nuclear Transfer</i> , BIOL REPROD 1992; 47: 636-643.	
MSN		Yong Z and L Yuqiang, <i>Nuclear-Cytoplasmic Interaction and Development of Goat Embryos Reconstructed by Nuclear Transplantation: Production of Goats by Serially Cloning Embryos</i> , BIOL REPROD. 1998; 58: 266-269.	
MSN		Zou X, et al., <i>Generation Of Cloned Goats (Capra Hircus) From Transfected Foetal Fibroblast Cells, The Effect Of Donor Cell Cycle</i> , MOL REPROD DEV. 2002; 61: 164-172.	

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